

# Pre-hospital Patient Care

## Managing Chest Pain

Over 11,000 people met the criteria for calls deemed by the provider as cardiac chest pain and were provided with ALS care.

### Inclusion criteria:

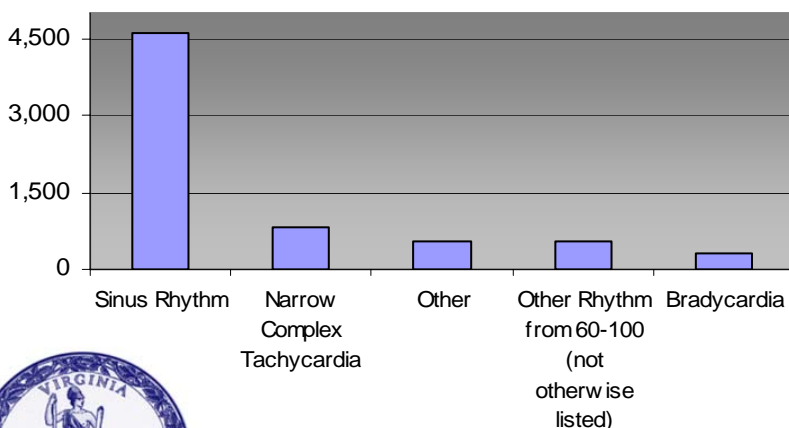
Variable	Criteria
Age	45 and over
Type of call	Scene
Signs/Symptoms	Chest pain
Clinical Assessment	Cardiac rhythm disturbance OR chest pain/discomfort
LOC Provided	ALS

### Exclusion Criteria:

Variable	Criteria
Mechanism of injury	All except N/A
Motor vehicle impact	All
Procedures	CPR, AED, assisted ventilation, EGTA, EOA, PTL, ET, nasal airway, oral airway, chest decompression, backboard, immobilization, NG tube, bleeding control, burn care, obstetrical care

Incomplete PPCR records were omitted. **This may have resulted in a deflation of the frequencies returned.**

Initial EKG Reading



### Common Procedures for Chest Pain Patients

Procedure	Frequency	Percent
ECG Monitoring	10457	93
Intravenous Catheter	8508	76
Oxygen by Cannula	6929	62
Medication Administration	6598	59
Intravenous Fluids	6146	55
Other	5297	47
Oxygen by Mask	3145	28

### Chest Pain Initial EKG Reading

	Frequency	Percent
Sinus Rhythm	4599	70
Narrow Complex Tachycardia	830	13
Other	552	9
Other rhythm from 60-100	545	8



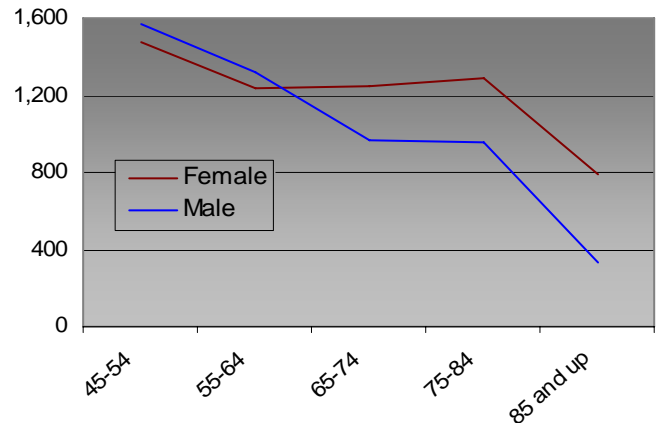
# Pre-hospital Patient Care

## Managing Chest Pain

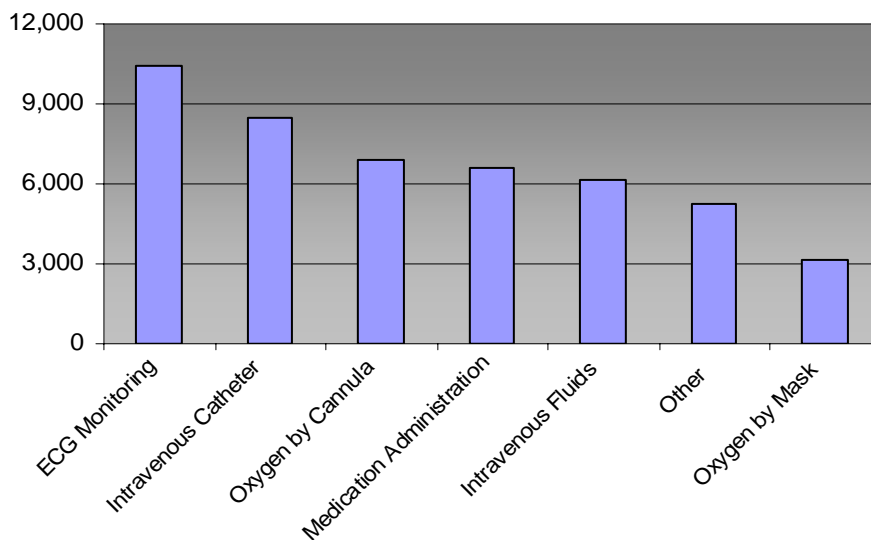
**Chest Pain  
Age/Gender Distribution**

Age (years)	Female	Male	Unknown	Total
45-54	1471	1572	5	3048
55-64	1240	1324	5	2569
65-74	1248	966	4	2218
75-84	1293	956	4	2253
85 and up	793	333	4	1130
<b>Total</b>	<b>6045</b>	<b>5151</b>	<b>22</b>	<b>11218</b>

**Age and Gender Distribution for  
Chest Pain Patients**



**Treatments used for Patients  
with Cardiac Symptoms**



- Since patient care protocols vary by region and agency, conclusions cannot be drawn with this data but rather demonstrates how PPCR data can be used to measure compliance with patient care protocols.

**Chest Pain  
Destination Determination**

	Frequency	Percent
Closest Facility	6939	62
Patient/Family Choice	3877	35
Patient's Physician Choice	247	2
Other	155	1

**Chest Pain  
Treatment Authorization**

	Frequency	Percent
Standing orders	11257	95
On-line (Radio/telephone)	412	3
Not applicable	84	1
Transfer Orders (Patient Specific)	55	<1
Unknown/Other	23	<1